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Universities Council of British Columbia

Ninth Annual Report
for the year ended March 31, 1983

45

25 July 1983

The Honourable Patrick L. McGeer
Minister
Ministry of Universities, Science
and Communications
109 Parliament Buildings
Victoria, B.C.
V8V 1X4

Dear Mr. Minister,

I have the pleasure of submitting to you, in accordance with section 73 (a) of the University Act (1979), the Ninth Annual Report of the Universities Council for the year ended 31 March 1983.

With the sharp decline in provincial government revenues during fiscal year 1982/83, the universities have been subjected to budgetary restraints not known for a generation. At the same time unemployment in the 18-24 age group of our population has caused many young people to enter or return to university, thus adding to the space and financial pressures on our institutions.

In this situation, and with fiscal storm warnings ahead, Council has sought to rationalize the university system insofar as this is possible in the climate of independent existence and growth in which the province's three universities have flourished.

Some alternative, however, will have to be developed to the 'laissez-faire' arrangements of the past. The universities, together with the Open Learning Institute, are pulling together and sharing information which will make this possible. At the end of what may well be a lean five-year cycle, I trust that a coordinated method of educating British Columbians will have emerged at the post-secondary level.

The future prosperity and well-being of British Columbia is dependent, in significant measure, upon good teaching and research in our universities. Nothing less than excellence will serve the public interest in the long run.

Sincerely,

W. C. Gibson

William C. Gibson, M.D., F.R.C.P.
Chairman

Table of Contents

	Pages
Governance Chart	1
The Council	2
Standing Committees of the Universities Council	5
Audited Financial Statements	9
The University System: Statistical Overview	13

Academic Programs, Degrees Conferred and Research Awards

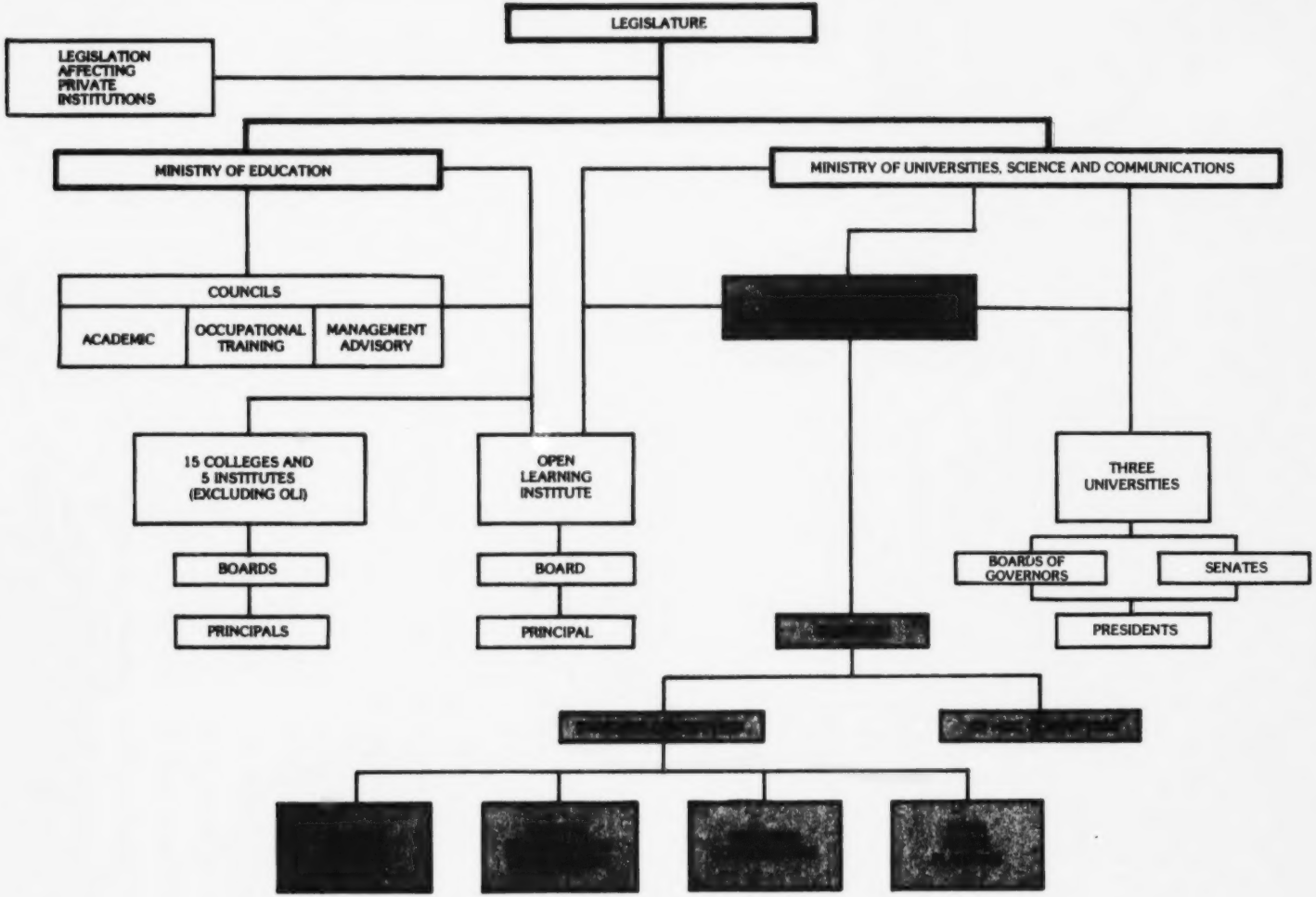
Table 1 — New Programs and Non- Metropolitan Programs	19, 20
Table 2 — Degrees Conferred by Discipline	21, 22, 23
Table 3 — Research Awards by Discipline and Source of Funds	24, 25

Student Enrolment, Facilities and Finance

Table 4 — Full Time Equivalent Enrolment	27
Table 5 — Fall Headcount by Enrolment Status	28, 29
Table 6 — University Debentured Capital Projects	30
Table 7 — Space Inventory	31
Table 8 — Operating Grants Requested, Recommended and Approved	32, 33

Historical Summaries

Table 9 — Full Time Equivalent Enrolment	35, 36, 37
Table 10 — Fall Headcount Enrolment	38
Table 11 — Degrees Conferred	39
Table 12 — Research Awards for British Columbia Universities	40
Table 13 — General Purpose Operating Grant Requests and Allocations	41
Table 14 — University Operating Grants and Grant Per Weighted FTE Student	42
Table 15 — University General Purpose Operating Funds by Source	43
Table 16 — University Expenditure: General Operating and Other Funds	44
Table 17 — Authorized University Capital Borrowings	45
Table 18 — Interprovincial Comparisons (Selected Indicators)	46



POSITION OF THE UNIVERSITIES COUNCIL IN THE
GOVERNANCE OF POST-SECONDARY EDUCATION IN BRITISH COLUMBIA

The Council

The Council

The Universities Council, an independent Crown body, was organized in 1974 subsequent to the proclamation of the *Universities Act* (1974), later renamed the *University Act* (1979). In 1978, through Order-in-Council, the Council received its autonomous legal status and accordingly has developed its own administrative procedures.

The Council serves as an intermediary body between British Columbia's three public universities and the Provincial Government. Its purpose is to promote the systematic development of university education and to create public accountability for university expenditures. In 1979, the Ministry of Universities, Science and Communications extended Council's mandate to include (a) responsibility to review and approve the University Degree Program of the Open Learning Institute, Richmond B.C. and, (b) responsibility to approve academic programs and capital facilities offered at David Thompson University Centre in Nelson, B.C.

The position of the Universities Council in the governance of post-secondary education in British Columbia is illustrated in the accompanying chart.

The Council is composed of eleven members, including its Chairman. Members are appointed by the Lieutenant-Governor-in-Council; however, no Council member can simultaneously serve as representative of government, as a university employee or student, or as a public servant in the Ministries of Universities or Finance. Members' terms of appointment are for three years, and are renewable for a similar period. Since October 1982 there has been one vacant Council position.

Members of the Universities Council

William C. Gibson, B.A. (Brit. Col.),M.D. (McGill), D. Phil. (Oxon), F.R.C.P.
Chairman

Dr. Gibson is a neurologist who trained with Dr. Wilder Penfield at McGill University. As head of the Kinsmen Laboratory of Neurological Research and later as Professor of the History of Medicine and Science at U.B.C. he has written over 100 scientific papers and six books. He has served as an alderman and parks commissioner for Vancouver, chairman of the Scientific Advisory Committee of Muscular Dystrophy, New York, and currently sits on the Council of the Rockefeller University in New York and on the Mayor's Committee in Jerusalem. He is a Fellow of the Royal College of Physicians of London and an Honorary Fellow of Green College, Oxford.

David A. Freeman, B.A. (Brit. Col.), Q.C.
Vice Chairman

Mr. Freeman is a partner of the law firm of Freeman & Company. A graduate of Osgoode Hall, he has practiced law since 1937 and was appointed Queen's Counsel in 1969. He has been chairman of the Executive Committee of the British Columbia Research Council and served on the Senate of the University of British Columbia. Mr. Freeman is a past president of the Vancouver Institute and of the University Club of Vancouver.

Samuel Belzberg, B. Comm. (Alta.)

In addition to many and varied business activities, Mr. Belzberg has been very committed to a wide range of cultural, educational and philanthropic undertakings on a national as well as international level. A resident of Vancouver since 1968, Mr. Belzberg is chairman of the Board of First City Trust Company and president and chief executive officer of First City Financial Company Ltd.

S. Joseph Cunliffe, C.M., B.A.Sc. (Brit. Col.), Hon. LL.D. (U. of Vic.), P. Eng.

Dr. Cunliffe, a consulting engineer, is Chairman of the Board of Directors of De Leuw Cather, (Canada) Ltd., and Chairman of Willis, Cunliffe, Tait and Company Ltd. He is a Fellow of the Engineering Institute of Canada, and a Fellow of the Canadian Society for Civil Engineering. Appointed to the Board of Governors at the University of Victoria in 1971, he served as its chairman from 1973 to 1981. He is currently chairman of the Board of Directors of the University of Victoria Foundation. In service to the community, Dr. Cunliffe has been a chairman of the City of Victoria Advisory Planning Commission and was active in the development of the Victoria YM/YWCA and the Victoria Art Gallery.

Alan M. Eyre, B.A.Sc. (Brit. Col.), P. Eng.

Mr. Eyre was a founding member of the Board of Governors at Simon Fraser University and most recently, has served on the Board of Governors at The

University of British Columbia. In the past he was a member of the Universities Council's predecessor, the Financial Advisory Board. Mr. Eyre is past chairman of the Greater Vancouver Advisory Board to the Salvation Army and a lay representative on the Council of the Institute of Chartered Accountants of British Columbia. He is president of Dueck Chevrolet Oldsmobile Cadillac Ltd. and its affiliated companies, including Hemlock Valley Recreations.

Rendina Hamilton, B.A. (Tor.), LL.B. (Brit. Col.)

Mrs. Hamilton has been a school trustee, president of the B.C. School Trustees Association and a member of the Board of Governors at U.B.C. She is presently a director of the B.C. Telephone Company and of the Registered Nurses' Association of B.C. She is a lawyer and resides in Kelowna.

George L. Morfitt, B. Comm. (Brit. Col.), F.C.A.

A chartered accountant, Mr. Morfitt is executive vice-president of The Diamond Group. Appointed to the Board of Governors at The University of British Columbia in 1975, he served as its chairman from 1977 to 1978. A former alderman for the Municipality of West Vancouver, Mr. Morfitt is president of the Institute of Chartered Accountants of B.C., past chairman of the Sports Fund Advisory Committee to the Provincial Government and Canadian representative to the International Squash Rackets Federation.

Ray Parkinson, B.A. (Hons.), M.D. (Brit. Col.), F.R.C.P.

Dr. Parkinson, a Vancouver psychiatrist in private practice, is a former member of the provincial Legislative Assembly. He was appointed to the Board of Governors at Simon Fraser University in 1973, serving as its chairman from 1978 to 1981. Dr. Parkinson is currently chairman of the Vancouver Maritime Museum, a trustee of the Vancouver Museums and Planetarium Association and president of the B.C. Soaring Association which governs gliding in B.C. He is a trustee of Discovery Foundation, for High Technology.

G. Neil Perry, B.A. (Brit. Col.), Ph.D. (Harvard)

Dr. Perry is a former deputy minister of Education, dean of Commerce and Business Administration, and vice president at U.B.C. In addition, he was director of the School of Public Administration at the University of Victoria. He has also held several senior posts in the World Bank and the International Monetary Fund.

John T. Sample, B.A., M.A., Ph.D. (Brit. Col.)

Dr. Sample is Executive Director of the Secretariat on Science, Research and Development. He is the past director of TRIUMF and a former chairman of the Department of Physics at the University of Alberta. He is a member of the Canadian Association of Physicists, the American Physics Society and the American Institute of Physics.

P.R. (Dick) Sandwell, B.A.Sc. (Brit. Col.), Hon. LL.D. (S. Fraser) (until October 1982)

Dr. Sandwell who retired in 1982 as chairman of Sandwell & Company, Ltd., a Vancouver firm of consulting engineers of international status, is director of many companies, including the Royal Bank of Canada. He is a member of the Engineering Institute of Canada and a former member of the Science Council of Canada.

Ian H. Stewart, B.A., LL.B. (Brit. Col.)
(until September 1982)

A member of the British Columbia Bar, Mr. Stewart is a director of several companies in the communications field as well as in finance and management. A former chairman of the Finance Committee of the Board at the University of Victoria, he served on the Board of Governors there for several years. He is a former alderman of th City of Victoria and was chairman of the Capital Regional Planning Board in 1969.

Staff

Secretary to Council - Lee Southern, B.A., M.A. (Man.)
Financial Officer - R.A. (Sandy) Watson, B.A. (Western), C.A.
Academic Officer - Monique Layton, B.A., M.A., Ph.D. (Brit. Col.)
Financial Analyst - J. Robert Cowin, B.A. (Brit. Col.), M.P.A. (U. of Vic.)
Administrative Assistant - Barbara MacKenzie
Administrative Clerk - Karen D. Reay
Typist - Sharon L. Price
Receptionist - Linda Zaurrini
Library Clerk (part-time) - Leslie Field

Council Activities

Financial restraint was the overriding theme for 1982/83, in contrast to the challenges in past years of growth and expansion. The universities continued to expand in terms of enrolment and the demand for a greater range of programs, but not in terms of finances. Council was called upon by the Minister halfway through the fiscal year to effect a $12 million reduction in the general operating grant for universities.

In September, the impact of the depressed provincial economy was also manifested by increased demand for student financial aid. This topic was discussed by a joint meeting of faculty and student representatives with the Chairman and Vice Chairman of Council. Later, the provincial government increased its student aid program

for universities by $5 million — almost a 50 per cent increase.

A coordinated effort to bring the universities to the attention of the general public was discussed by the various Alumni and Student groups meeting with the Chairman.

One of Council's tasks, for the short term at least, is to guide the transition to a more financially constrained environment. In its endeavours to assess the implications to the university system of the changed financial environment, Council has had to work within certain guidelines, such as the Compensation Stabilization Program, introduced by the provincial government. The process by which Council will allocate the general purpose operating grant is an example of a planning initiative which must await clarification of the financial environment. The funding procedure for new programs is being reassessed to accomodate reduced funding.

To assist in these financial planning procedures, Council directed its staff to review the mechanisms used in the University of California system. A review was also initiated of the planning processes for higher education which have been developed in other jurisdictions. A pilot study, initiated jointly with the Ministry, for the collection of additional enrolment data from the province's universities will eventually support strategic planning for the university system in British Columbia.

The Ad Hoc Committee on Engineering Expansion reconvened for the last time in 1982/83. The engineering program at the University of Victoria and the engineering science program at Simon Fraser University are now being implemented.

Council noted an increase in the activities of external institutions providing university level programs in British Columbia and continues to monitor these activities.

On behalf of the Ministry, Council continued its administration of the British Columbia/People's Republic of China Scholar Exchange Program. In addition to ongoing activities, Council was also engaged in such special activities as advising the Minister about potential amendments to the *University Act* (1979).

Many of the matters facing Council were considered at some length in one or more of its standing committees. While these matters may be reported in the section on committees, or in the tables which follow, it is Council which in all cases takes the final decisions.

Standing Committees of the Universities Council

Long Range Planning Committee

Membership:

Chairman:
David A. Freeman, Q.C.

Universities Council Representatives:
All Members of Council

Institutional Representatives:
Ronald R. Jeffels, Principal, Open Learning Institute
Dr. Douglas T. Kenny, President, University of British Columbia
Dr. K. George Pedersen, President, Simon Fraser University
Dr. Howard E. Petch, President, University of Victoria

Staff Representative:
Lee Southern

The purpose of the Long Range Planning Committee is to hold discussions on institutional roles, academic objectives, and long range financial and academic planning for the public universities of B.C. It is a committee-of-the-whole, and includes the Presidents of the three universities.

The Committee organized the Fifth Annual Outlook Conference on November 5 and 6, 1982, at Victoria, B.C. In attendance were Council members, the Minister and his Deputy, the three university presidents, the Open Learning Institute principal, as well as chancellors and chairmen and members of the three university Boards of Governors.

The theme of the conference was the role of public policy in the future development of university education in British Columbia. Dr. Clark Kerr, President Emeritus of the University of California and former chairman of the Carnegie Commission on Higher Education, spoke on "Government-University Relations: Control vs. Restraint". Dr. P.L. McGeer, Minister of Universities, Science and Communications, discussed provincial government policy options and noted how universities in other jurisdictions have responded to economic restraint. Dr. Catherine Wallace, recently retired chairman of the Maritime Provinces Higher Education Commission, and Dr. William Sibley, chairman of the Saskatchewan Universities Commission, spoke about the leadership opportunities for an intermediary body.

As the year drew to a close, the Chairman and the Executive Committee of Council began discussions about preliminary steps in the development of a formal strategic planning project in the ensuing year.

Program Coordinating Committee

Membership

Chairman:
Mrs. Rendina Hamilton

Universities Council Representatives:
David A. Freeman, Q.C.
George L. Morfitt

Institutional Representatives:
Dr. A. Fischer, Vice President Academic, University of Victoria
Dr. Ian Mugridge, Dean of Academic Affairs, Open Learning Institute
Dr. J.M. Munro, Vice President Academic, Simon Fraser University
Dr. R.H.T. Smith, Associate Vice President Academic, University of British Columbia

Staff Representative:
Dr. Monique Layton

The legislated purpose of the Program Coordinating Committee is to advise Council on all matters pertaining to programs. The Committee has developed a set of Program Guidelines which serves chiefly to detail the procedures by which all new undergraduate and graduate programs are submitted for Committee evaluation.

The role of the Program Coordinating Committee is to:

1. Evaluate new program proposals presented by:
   (a) the public universities (namely the University of British Columbia, the University of Victoria and Simon Fraser University) in accordance with 69(e) and (o) (ii) of the *University Act* (1979), and
   (b) the Open Learning Institute, in accordance with Part 2, section 2 (1) (f) of the *College and Institute Act* (1979)
   and make recommendations to the Universities Council on these proposals.
2. Review existing university programs to:
   (a) identify the special areas of interest and expertise in each of the universities;
   (b) develop plans to reduce unnecessary duplication.
3. Identify areas in which inter-university cooperation appears desirable.
4. Consult with the Academic Council (which relates to the Colleges and Institutes) and other relevant agencies in order to rationalize the delivery of university level programs throughout the Province.
5. Assist the institutions in their coordination of the delivery of distance education programs to the non-metropolitan areas of British Columbia, including all university programs offered at the David Thompson University Centre, Nelson, B.C. (in accordance with Part 2, section 2 (1) (f), of the *College and Institute Act*).
6. Examine the role of the universities in the development of in-service training and re-training for the professions.
7. Study and make recommendations to the Universities Council on such matters as may be referred to the Committee from time to time by the universities or by the Council.

During the course of new program evaluation, the Committee applies several criteria. In particular, members are concerned that a new program be both academically and economically viable, and not duplicate unnecesssarily an existing program. Members are also interested in the availability of employment opportunities for program graduates. The Committee retains outside consultants to complete evaluations of particularly specialized or controversial program proposals.

During 1982-83, the Committee reviewed twelve program proposals from the universities (details of programs approved by the Universities Council upon the recommendation of the Program Coordinating Committee are contained in Table 1.1).The proposals ranged from programs which were little more than a change of credential, or which largely involved existing courses, to fairly substantial programs requiring additional resources for their implementation. In the anticipation of greater budget constraints, each university has submitted only one such program.

The Program Coordinating Committee made recommendations to Council on university programs offered in non-metropolitan areas. It is assisted in the preliminary stage of program selection by an advisory sub-committee composed of Dr. J. Blaney (SFU); Dr. G. Farrell (U.Vic.); Dr. I. Mugridge (OLI); Dr. R.H.T. Smith (UBC); and when required, Ms. K. Forsythe (KNOW). It is further assisted in formulating its recommendations to Council by four consultants appointed to advise on the needs and concerns of the various areas they represent. They are: Dr. L. Ball (Trail); Mrs. R. Rushant (Prince George); Mr. R. Sharman (Kamloops); Mr. A. Unruh (Cecil Lake).

The Committee approved a number of professional development programs and credit courses to be offered in non-metropolitan areas in 1983-84, several of which were developed for delivery through the Knowledge Network (details contained in Table 1.2). It also reviewed the budgets for the Fine Arts, General Arts and Education programs offered by the University of Victoria at the David Thompson University Centre, Nelson, B.C.

The Committee was also involved this year in reviewing the principles of funding for new and emergent programs and expects to address this issue again. It is currently in the process of considering the desirability and feasibility of establishing a credit bank for B.C. students and is reviewing policies associated with the marketing of distance education materials.

Capital Planning and Development Committee

Membership

Chairman:

Dr. William C. Gibson (acting until December 1982)
Dr. S. Joseph Cunliffe (from January 1983)

Universities Council Representatives:

Alan M. Eyre
Dr. P.R. Sandwell (until November 1982)
Ian H. Stewart (until September 1982)
Dr. John T. Sample (from November 1982)

Institutional Representatives:

Dr. J.M. Kennedy, Vice President University Services, University of British Columbia
J. Trevor Matthews, Vice President Administration, University of Victoria
Robert W. McQueen, Vice President Finance, University of Victoria
Dr. Ernest M. Scott, Director of Finance, Simon Fraser University
Dr. Michael Shaw, Vice President Academic, University of British Columbia
George Suart, Vice President Administration, Simon Fraser University

Corresponding Members:

Hector L. McIntyre, Executive Director, Post-Secondary Finance & Facilities, Ministry of Education (until December 1982)

James H. Reed, Project Manager, Universities Division, Ministry of Universities, Science and Communications.

Staff Representatives:
R.A. (Sandy) Watson
J. Robert Cowin

The legislated purpose of the Capital Planning and Development Committee is to review and advise Council on all matters pertaining to universities' capital expenditures. Capital matters include reference to new building projects, public works and renovations projects and equipment.

The Committee's activities are guided by the British Columbia *Educational Institution Capital Finance Act* (1979 RS Chap. 102), which makes it possible to finance capital projects through long-term borrowing rather than through annual cash grants.

During 1982-83, the Committee's major activity concerned the Five Year Capital Plan. Each university submits a list of new capital projects needed over the next five years in order to fulfill its academic and community service goals. The Committee reviews these submissions, evaluating the necessity, scope, and cost of the proposed projects. It then advises Council about the proposals and assists Council in establishing priorities for the entire university system.

In the current period of financial restraint, the Committee faced the dilemma of producing a Five Year Capital Plan which provides realistic guidance for decision makers in light of financial constraints while simultaneously communicating the building and other capital needs of the universities which exist independently of the funds available to meet them. The dilemma was resolved by providing a special one year abatement plan advising about priority projects for 1983/84.

In response to a request from the Ministry of Universities, Science and Communications that university capital submissions be better integrated into the provincial government's overall budgetary procedure, a capital planning timetable was adopted and the capital submission requirements were revised. In addition, several initiatives were taken to enhance the information base used by Council. For example, reports were submitted by each university about the utilization being made of their classrooms and lecture theatres.

A significant annual report, the Space Inventory and Entitlement Report, was updated. This planning exercise permits comparisons to be made between the amounts of various categories of space presently at each university and the needed amounts suggested by general norms for different enrolment levels and program mixes. Not intended for the evaluation of specific buildings, it establishes a campus-wide context of over-all space needs.

The updated space reports show Simon Fraser University's current overall space shortfall worsening over the next five years if additional facilities are not provided. Over the same period, the University of Victoria's present modest surplus will change to a shortfall. The University of British Columbia will have close to the recommended amount of space but, since UBC has an older campus, the facilities will not necesarily all be of an acceptable quality.

A matter noted by the Committee is the growing number of projects which the government has approved in principle and for which preconstruction planning funds have been provided, but for which construction authorization has not yet been granted. In 1982/83, the Committee did not undertake on Council's behalf the in-depth examination of any additional projects for the purpose of recommending to government that funds be provided for them. (The presence of a project in Council's Five Year Capital Plan does not constitute the Council recommendation required under the British Columbia *Educational Institutions Capital Finance Act*).

A review of the capital planning process has been initiated to determine whether it has been fulfilling its objectives and to better integrate it with academic and financial planning.

Business Affairs Committee

Membership

Chairman:
Dr. G. Neil Perry

Universities Council Representatives:
Samuel Belzberg
David A. Freeman, Q.C.
Dr. Ray Parkinson
Ian H. Stewart (to September 1982)

Institutional Representatives:
Robert W. McQueen, Vice President Finance, University of Victoria
Dr. Howard E. Petch, President, University of Victoria
Dr. Ernest M. Scott, Director of Finance, Simon Fraser University
Sid Segal, Bursar and Dean of Administration, Open Learning Institute
Dr. Michael Shaw, Vice President Academic, University of British Columbia
George Suart, Vice President Administration, Simon Fraser University
William White, Vice President and Bursar, University of British Columbia

Staff Representative:
R.A. (Sandy) Watson

The legislated purpose of the Business Affairs Committee is to advise Council on financial matters, with primary emphasis on the budgets of the public universities and of the university programs of the Open Learning Institute.

An integral part of the budgetary planning cycle is the annual preparation and review of estimates. In late spring and early summer, each institution prepares its budget submission estimates for the following fiscal year. These submissions, approved by the Board of Governors, are forwarded to Council by mid-August. Initial budgetary information on enrolment, staffing levels and financial plans for the current year, supplemented with the previous year's level, form the starting point for the development of these budget estimates. While enrolments for the current year are still tentative, each university's enrolment forecast has been previously reviewed by a technical working committee of institutional analysis representatives and Council staff.

In early September, prior to Council's visit with each university's Board of Governors, each institution's submission is presented and reviewed by the Committee. In keeping with the *University Act* (1979), the Council transmits its funding recommendation to the Minister by 15 October, together with the individual submission estimates of the institutions.

In the spring, when the provincial operating grant is announced by Government, Council allocates the grant to the individual universities who then review and implement their initial budget plans for the year.

For 1982/83, the implementation of the Government's Economic Stabilization Program, including the Compensation Stabilization Program, was an important new development. A $12 million cut in the total operating grant for universities, announced by the Minister in August, necessitated a Council recommendation in late September that the initially approved operating grants be reduced 3.8% at each university. At this time as well, the appropriateness of the overall salary increment provisions were re-examined for consistency with the final release of the guidelines and regulations limiting compensation increases under the Compensation Stabilization Program.

In early spring enrolment forecasts were updated and reviewed on the basis of actual 82/83 experience. With this information and with the prospect of no increase in government grant support for 83/84 over the reduced 82/83 level, the Committee considered the need for recognition of enrolment growth in preparation for the upcoming allocation of the operating grant. Additionally, with no consensus emerging, the Committee discussed a proposal for the future preparation of estimates, aimed at improving the consistency between the basis of university requests and the eventual allocation by Council of the operating grant provided by Government.

Total funding voted for universities is outlined annually in the *Estimates* of Government. The vote total for fiscal year 1982/83 includes the following:

	Estimates 82/83
University Operating Grants Program	$312,993,292*
Operating Grants (Other)	14,472,000
Capital Support Program	24,857,000
Student Financial Aid	10,645,067
Universities Council	629,000
	$363,596,359

*Before the $12 million grant reduction announced in August 1982.

Operating Grants (Other) provide support for a range of specific purpose activities identified for separate funding by the Ministry. Summary information comparing grant funding levels requested by the institutions, recommended by Council and provided by Government appears in Table 8.

Audited Financial Statements

Auditors' Report

The Members
Universities Council

We have examined the statement of financial position of the Universities Council as at March 31, 1983 and the statement of revenue and expenditure for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Council as at March 31, 1983 and the results of its operations for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

MORGAN & COMPANY
Chartered Accountants

Vancouver, Canada.
June 9, 1983

UNIVERSITIES COUNCIL
STATEMENT OF FINANCIAL POSITION
MARCH 31, 1983

	1983	1982
ASSETS		
Cash	$ 23,601	$ 62,887
Funds held for external organizations and others (Note 3)	94,748	63,047
Short term deposits	275,000	200,000
Prepaid rent		4,513
Furniture and equipment (Note 1)		
	$393,349	$330,447
LIABILITIES		
Accounts payable	$ 25,455	$ 15,499
Unexpended funds held for external organizations and others (Note 3)	94,748	63,047
UNEXPENDED OPERATING FUNDS		
Balance, beginning of year	251,901	166,232
Excess of revenue over expenditure	21,245	85,669
Balance, end of year	273,146	251,901
	$393,349	$330,447

Approved on behalf of the Universities Council

Chairman

Vice-Chairman

UNIVERSITIES COUNCIL
STATEMENT OF REVENUE AND EXPENDITURE
FOR THE YEAR ENDED MARCH 31, 1983

	1983	1982
REVENUE		
Grant - Province of British Columbia	$ 629,000	$ 604,800
Administrative fees to external organizations		5,116
Interest earned	33,867	42,572
	662,867	652,488
EXPENDITURE		
Members' per diem payments	82,450	89,700
Employees' remuneration	259,522	190,136
Employee benefits	34,167	23,668
Fees - independent consultants	18,688	19,147
Grants and subsidies	13,500	16,008
Travel expenses	49,744	39,215
Meeting and conference expenses	34,376	29,650
Office rent	75,662	62,580
Office equipment leases	10,707	9,315
Office furniture and equipment purchases (Note 1)	11,897	34,191
Printing, stationery and office supplies	14,009	17,215
Telephone, long distance and equipment rental	12,600	12,104
Postage and courier service	7,780	11,160
Library and subscriptions	9,162	7,229
Staff recruitment and relocation	812	415
Other	6,546	5, 086
	641,622	566,819
EXCESS OF REVENUE OVER EXPENDITURE	$ 21, 245	$ 85,669

UNIVERSITIES COUNCIL
NOTES TO FINANCIAL STATEMENTS
MARCH 31, 1983

1 **ACCOUNTING POLICY**

Office furniture and equipment purchases are charged to expenditures when purchased. The cumulative cost of office furniture and equipment charged to expenditures amounts to $49,265 (1982 - $37,368).

2. **EXCESS OF REVENUE OVER EXPENDITURE**

The Universities Council is an agent of the Crown in right of the Province of British Columbia. As such no income taxes are payable on any excess of revenue over expenditure.

3. **FUNDS HELD FOR EXTERNAL ORGANIZATIONS AND OTHERS**

The Universities Council acts as recipient and disbursing agent of grant funding provided by the Ministry of Universities, Science and Communications for certain external organizations and for designated projects or activities.

4. **COMMITMENT**

The Universities Council has leased realty at an annual cost of approximately $67,000 to September 30, 1984.

5. **STATEMENT OF CHANGES IN FINANCIAL POSITION**

A Statement of Changes in Financial Position has not been prepared as its inclusion with these financial statements would not be meaningful.

The University System Statistical Overview

Introduction

Certain activities and decisions in which Council was engaged in 1982/83 relate to programs and finances for 1983/84. Events may transpire in 1983/84 which may affect or modify these recommendations.

All tables in this report refer to the fiscal year (April 1 through March 31) unless otherwise noted. When the focus is on non-financial activities, Council may use an academic year beginning either on July 1 or September 1.

Tables which provide a historical perspective appear after the more detailed current tables.

The reference sources and explanatory notes form an integral part of the tables.

Enrolment - Definitions

Full Time Equivalent (FTE)

For **undergraduates**, FTE represents the equivalent of a 'normal' full-time course load. Units or semester hours of credit taken by all students (both full and part-time) in a given program and year level are divided by the applicable full-time course load to determine FTE enrolment. The undergraduate total represents the sum of the calculated FTE of all programs and course levels.

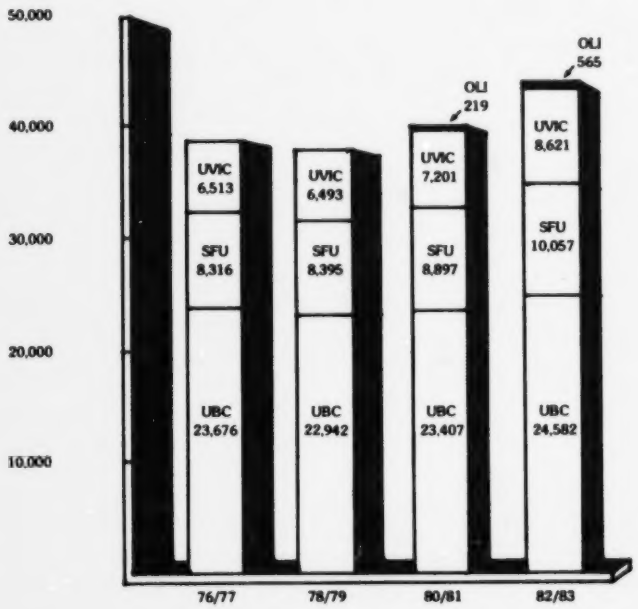
For **graduates**, full-time students are included as 1.0 FTE and part-time students as .33 FTE.

Fiscal year enrolment covers the registration of full and part-time students for summer and winter sessions and the three semesters at Simon Fraser coinciding with the fiscal year ended March 31.

Headcount

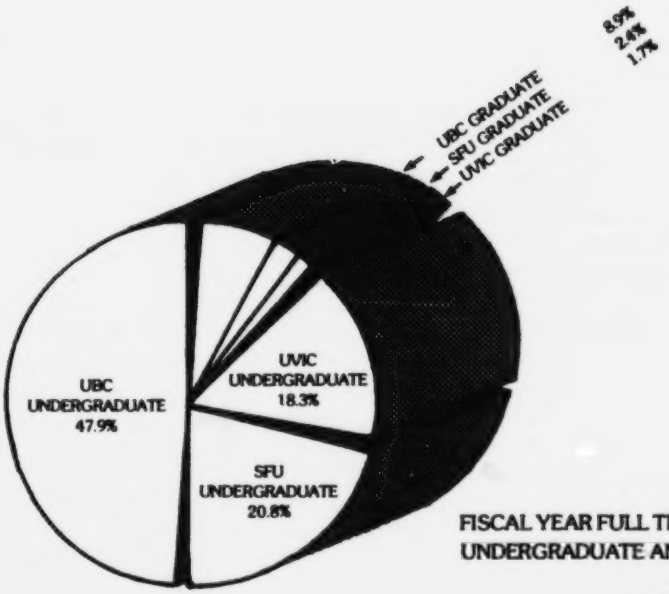
For undergraduates, full-time refers to a student enrolled for 12 or more units of semester hours of credit. Students with less than 12 units are defined as part-time.

For graduates, full-time represents a student who fulfills certain conditions associated with his or her studies, including not being regularly employed for more than an average of 12 hours per week. Part-time graduate students are defined as active graduate students other than those who are full-time.

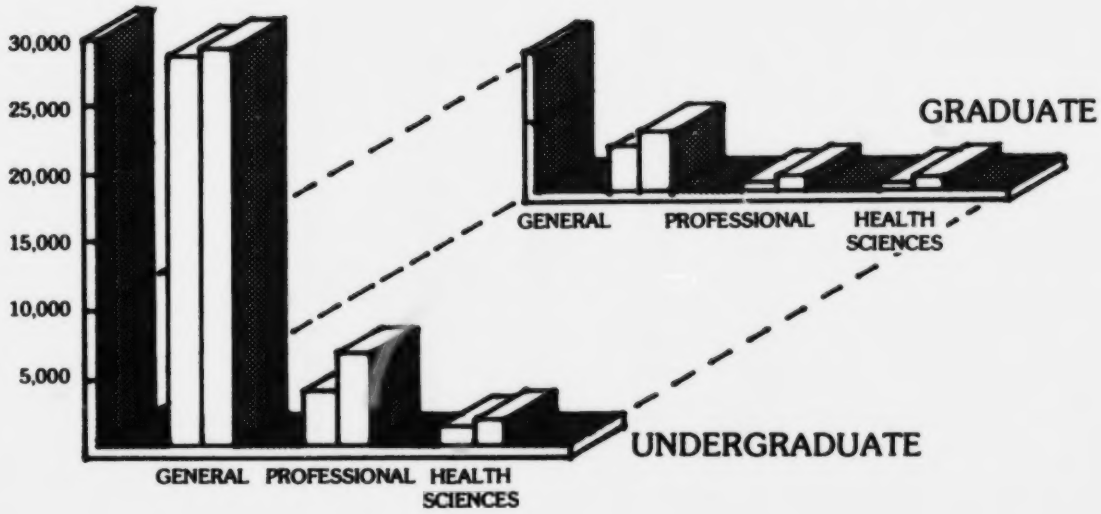


FISCAL YEAR FULL TIME EQUIVALENT ENROLMENT
BY UNIVERSITY, INCLUDING UNIVERSITY PROGRAMS AT THE OPEN LEARNING INSTITUTE

SOURCE: TABLE 9.2



FISCAL YEAR FULL TIME EQUIVALENT ENROLMENT
UNDERGRADUATE AND GRADUATE BY UNIVERSITY
1982/83
SOURCE: TABLE 4



FISCAL YEAR FULL TIME EQUIVALENT ENROLMENT
BY PROGRAM
1976/77 (LEFT COLUMN) AND 1982/83 (RIGHT COLUMN)

SOURCE: TABLE 9.1

Enrolment

As illustrated in the graphic presentations, the enrolment growth experienced for 1982/83 at each of British Columbia's three public universities and the Open Learning Institute continues the trend of past years. The tables in the historical summary section provide additional information. Detail on 1982/83 enrolment appears in Tables 4 and 5.

In system terms, the 1982/83 full time equivalent (FTE) enrolment amounted to 43,845, an increase of 5.5% over the previous year and 13.9% over 1976/77. Similarly, the overall autumn 1982 student headcount level for the three universities amounted to 50,458, a 5.1% increase over the previous autumn, and 21% over 1976. The higher growth rate in part-time enrolment over full-time enrolment, characteristic of previous years, slowed considerably in 1982. Full time and part time students numbers increased by 5% and 5.3% respectively from 1981.

Full time equivalent graduate enrolment presently represents approximately 13% of the overall total enrolment. Up from just under 11% in 1976/77, this reflects a higher rate of growth than in undergraduate studies.

Degrees

A total of 7,487 degrees were conferred at the spring 1983 and the previous fall convocations of the three universities, an increase of 360 or 5% over the previous year. The number of doctorate degrees decreased 20, while degrees at the master level increased 200. Current information on degrees conferred by discipline, including detail on graduate degrees appear in Table 2.

Research

Research grants and contracts to the three British Columbia universities from all sources increased approximately $1.7 million (3%) to $58.6 million for the 1982/83 fiscal year ended March 31. A $7.8 million increase from national granting councils, offset by a $5.0 million reduction from provincial and local governments, largely account for this net increase.

National granting councils and other federal government sources presently provide close to 70% of the overall funds. The natural sciences continue to receive the largest share of the research awards, increasing by $1.8 million to $24.4 million for 82/83, representing close to 42% of the total.

Table 3 provides current summary information on sources of funding areas of research for the university system and amplification by university. The Province of British Columbia's Secretariat on Science, Research and Development has prepared this summary information for Council. More detailed information is available from the Secretariat.

Facilities

University Debentured Capital Projects

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia *Educational Institutions Capital Financing Authority* (BCEICFA) over a twenty year term. These are the capital projects which are the primary concern of the Universities Council.

University borrowing authorizations issued through BCEICFA during the 1982/83 fiscal year totalled approximately $6.6 million, a significant reduction from the close to $45 million increase of 1981/82. As at March 31, 1983, the authorized level of cumulative university capital borrowing authorization totalled $186.7 million. Detail on borrowing authorizations issued in 1982/83, along with cumulative totals by university, appears in Table 6.

Equipment

The provincial government provided the following cash grants from the 1982/83 capital budget to purchase equipment:

UBC	$1,250,000
SFU	405,000
UVIC	345,000
SYSTEM TOTAL	$2,000,000

Project Completions

During this same period, several projects were sufficiently completed that they could be brought into use:

UNIVERSITY	PROJECT	AUTHORIZE BORROWING THROUGH BCEICFA
UBC	Home Economics	$5,000,000
	Laurel I (Vancouver General Hospital)	3,786,315
SFU	Central Mall Extension and Parking	$1,580,000
	Ring Road	6,003,560
UVIC	none	—

In addition, some existing buildings were renovated, a number of public works projects were completed, and some other projects were completed without the use of provincial capital funds, e.g. Jack and Sadie Diamond University Club at SFU.

Space Inventory

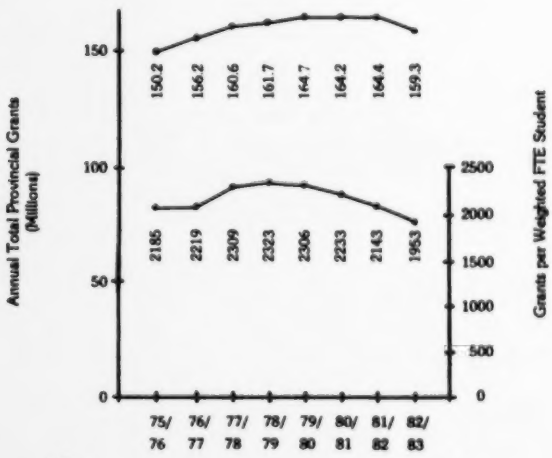
Detail about the 1982/83 space inventory, amounting to 5,567,000 net assignable square feet for the university system, together with profiles by age and by space category appears on Table 7.

Finance

British Columbia Universities

Preliminary audit statement figures for 1982/83 suggest that the total funds for general operating purposes will amount to $346 million, an increase of $29.1 million or 9.2% over the previous year. The increase in student fees and other non-governmental sources was approximately $8.3 million or 18.3%. The provincial government grant increased by $20.8 million, or 7.7% net after the mid-year $12 million reduction. Additional information and a comparison with previous years appears in Table 15.

In addition to the general purpose operating grant, designated funds are provided by the provincial government for specific purpose activities through Operating Grants (Other) and for equipment through capital support. In total, excluding research grants and debt servicing, provincial grants to the universities for 1982/83 amounted to approximately $312 million (see Table 8.2). Excluding funding associated with the medical expansion project, health care cost transfers, engineering expansion and certain other designated activities, $299 million was available. Restated in Table 14 to constant 1975 dollars this amount becomes $159 million, the figure appearing in the graph which illustrates past trends in the level of grants and of grants per student.



TOTAL GRANTS PER WEIGHTED FTE STUDENT
CONSTANT 1975 DOLLARS

SOURCE: TABLE 14

Trend Analysis

The three public universities of B.C., members of the Canadian Association of Universiy Business Officers (CAUBO), provide financial data for the annual CAUBO publication *Financial Statistics of Universities and Colleges*, prepared by Statistics Canada. This information also forms the basis of University Finance Trend Analysis publications of the Education, Science and Culture Division of Statistics Canada. Table 16, University Expenditures: General Operating and Other Funds, for British Columbia universities is based on the most recent (April 1983) publication. Further summary information on 5 year and selected 10 year historical trends in university finance by province for those institutions who have reported in each of the years may be obtained from the Statistics Canada publication *University Finance - Trend Analysis, 1972/73 to 1981/82.*

Interprovincial Comparison

Established in Ontario in 1977, a Tripartite Committee on Interprovincial Comparisons has developed a framework within which interprovincial comparisons of university financial data can be made. Eight specific indicators have been selected as being useful in answering three major questions: how much financial support is provided to universities, how does university financing fit into the government's priorities, and what proportion of provincial resources is directed towards university financing?

Provincial data since 1974/75 has been provided to the Committee. Only two of the eight specific indicators appear in Table 18, the Interprovincial Comparison table. Further information, other indicators, analysis and source references may be obtained from the Committee's fourth report (published by the Ontario Council on University Affairs). British Columbia figures include the university transfer program portions of the B.C. Community College system as well as the three public universities.

Academic Programs, Degrees Conferred and Research Awards

TABLE 1.1

NEW PROGRAMS 1982-83

NEW PROGRAMS APPROVED BY UCBC: (during academic year July 1, 1982 to June 30, 1983)

Program Area	University of British Columbia	Simon Fraser University	University of Victoria
Business Administration		Master of Business Administration	
Communication		PhD in Communication*	
Education	PhD in the Social Foundations of Educational Policy Dance Specialization (BPE)		M.A. & M.Ed. in Early Childhood Education* M.Ed. in Art Education Diploma in School Librarianship
Health Sciences	PhD in Audiology & Speech Sciences		
Planning	Certificate in Site Planning		
Sciences	B.Sc. in Atmospheric Science & Diploma in Meteorology* B.Sc. in Pharmacology		

*Implementation is conditional upon levels of provincial funding.

TABLE 1.2

PROGRAM APPROVALS MADE IN 1982-83 FOR NON-METROPOLITAN AREAS:

(for delivery in 1983-84, subject to availability of funding)

		Total Amount Recommended for Program Area	
UNIVERSITY OF BRITISH COLUMBIA			
Education			
Undergraduate credit courses	$185,469		
Graduate credit courses	49,023		
Native Indian Education Programs (credit & professional development)	30,609		
Professional Development	74,977		
Sub-total		$ 340,078	
Nursing			
BSN Outreach program for registered nurses	$180,263		
Critical Care Nursing	187,397		
Sub-total		367,660	
Health Sciences: Professional Development		148,090	
Agriculture: Credit courses & Professional Development		219,798	
Forestry: Credit courses & Professional Development	93,426		
Social Work: Completion of BSW in Prince George		for review	
Other (Architecture, Support services, etc.)		67,385	
		1,312,290	1,312,290
SIMON FRASER UNIVERSITY			
Education			
Undergraduate credit courses (on-site, satellite, DISC)	$318,226		
Graduate credit courses	105,000		
Native Teacher Education Programs (credit)	140,000		
Professional Development	23,000		
Sub-total		586,226	
Criminology (credit courses)		242,631	
Kinesiology (credit courses)		154,607	
Arts (credit courses)		173,388	
Science (credit courses)		30,761	
Business Administration (MBA Feasibility Study)		73,876	
Various (Professional Development)		50,000	
		1,311,489	1,311,489
UNIVERSITY OF VICTORIA			
Education			
Undergraduate credit courses	$160,020		
Graduate credit courses	217,808		
Native Indian Education Programs (credit)	87,039		
Professional Development	80,375		
Sub-total		545,242	
Administration			
Diploma in Public Sector Management	$255,030		
Credit Courses	41,400		
Professional Development	16,908		
Sub-total		313,338	
Arts and Science			
B.A. (Malaspina)	$ 58,925		
Arts & Science credit courses	29,875		
Computer Science (non-credit)	22,914		
Sub-total		111,714	
Social Work (professional development & B.S.W.)		159,032	
Child Care (professional development & credit)		81,495	
Nursing (professional development & credit)		50,005	
Other (Fine Arts, Social Work & Child Care Management, University lectures)		52,255	
		1,313,081	1,313,081
			$3,936,860
DAVID THOMPSON UNIVERSITY CENTRE (program delivery by UVic)			
Amount recommended for 1983/84			$ 768,500

TABLE 2.1

DEGREES CONFERRED BY DISCIPLINE

Academic Year ending in 1983 (with 1982 totals for comparison)

	UBC	SFU	UVIC	1983 TOTAL	1982 TOTAL
APPLIED SCIENCES					
Bachelor°	577			577	462
Master	93	11		104	86
Doctorate	27			27	20
COMMERCE AND ADMINISTRATION					
Bachelor°	382	249		631	663
Master	135	27	36	198	186
Doctorate	1			1	2
EDUCATION					
Bachelor°	564	57	220	841	878
Master	218	57	142	417	320
Doctorate	7			7	21
FINE ARTS					
Bachelor°	144	10	101	255	255
Master	28		13	41	44
Doctorate					1
HEALTH SCIENCES					
Bachelor°	412	22	62	496	487
Master	51	5		56	55
Doctorate	7	1		8	9
HUMANITIES & SOCIAL SCIENCES					
Bachelor°	942	421	626	1,989	1,928
Master	159	68	40	267	223
Doctorate	34	11	6	51	50
SCIENCES					
Bachelor°	455	131	180	766	718
Master	81	19	7	107	82
Doctorate	38	10	6	54	65
SOCIAL PROFESSIONS					
Bachelor°	150	74	74	298	311
Master	36	4		40	32
Doctorate					
INTERDISCIPLINARY AND OTHER*					
Bachelor°		200	51	251	222
Master					2
Doctorate	5			5	5
TOTAL	4,546	1,377	1,564	7,487	7,127
Bachelor and first professional	3,626	1,164	1,314	6,104	5,924
Master	801	191	238	1,230	1,030
Doctorate	119	22	12	153	173

*Other includes degrees of students with joint majors in more than one of the above broad discipline groupings.
°Including first professional degree.

In addition, the following diplomas, certificates and other undergraduate credentials were awarded:

	105	91	52	248	237

Historical summary appears in Table 11.

TABLE 2.2
GRADUATE DEGREES CONFERRED BY DISCIPLINE
ACADEMIC YEAR ENDING IN 1983

A zero indicates a program from which no student graduated in 1982-83.
A blank indicates that no program is offered.
Master (M) Doctorate (D)

	UBC		SFU		UVIC		TOTAL	
	M	D	M	D	M	D	M	D
APPLIED SCIENCES								
Agricultural Economics	0						0	
Agricultural Mechanics	2						2	
Animal Science	4	1					4	1
Architecture	2						2	
Bioresource Engineering	1						1	
Chemical Engineering	2	4					2	4
Civil Engineering	34	3					34	3
Electrical Engineering	11	1					11	1
Engineering Physics	3	0					3	0
Food Science	3	1					3	1
Forest Entomology	0		0	0			0	0
Forestry	10	6					10	6
Geological Engineering	1	0					1	0
Mechanical Engineering	6	1					6	1
Metallurgy	0	1					0	1
Metallurgical Engineering	7	3					7	3
Mineral Engineering	0	0					0	0
Mining & Mineral Process Engineering	1	2					1	2
Pest Management			11				11	
Plant Science	2	4					2	4
Poultry Science	1	0					1	0
Soil Science	3	0					3	0
Sub-total	93	27	11	0			104	27
COMMERCE & ADMINISTRATION								
Business Administration	135	0	27	0			162	0
Commerce		1		0				1
Public Administration					36		36	
Sub-total	135	1	27	0	36		198	1
EDUCATION								
Education	209	7	57	0	137	0	403	7
Physical Education	9				5		14	
Sub-total	218	7	57	0	142	0	417	7
FINE ARTS								
Creative Writing	8						8	
Fine Arts	9				3		12	
Music	10	0			5	0	15	0
Theatre	1	0			5		6	0
Sub-total	28	0			13	0	41	0
HEALTH SCIENCES								
Anatomy	0	0					0	0
Audiology and Speech	12						12	
Health Sciences Planning	13	0					13	0
Kinesiology			5	1			5	1
Neurological Sciences	0						0	
Nursing	12						12	
Pathology	4	0					4	0
Pharmaceutical Sciences	7	3					7	3
Pharmacology	0	1					0	1
Physiology	1	3					1	3
Surgery	2						2	
Sub-total	51	7	5	1			56	8

(continued)

TABLE 2.2

	UBC		SFU		UVIC		TOTAL	
	M	D	M	D	M	D	M	D
HUMANITIES & SOCIAL SCIENCES								
Anthropology	8	4	0	0	2		10	4
Archaeology			7	1			7	1
Asian Studies	3	2					3	2
Classics	1	0			0		1	0
Communication			11				11	
Comparative Literature	2	1					2	1
Economics	16	3	11	3	1		28	6
English	15	5	10	0	9	0	34	5
French	4	1	5	0	0		9	1
Geography	6	1	4	2	6	0	16	3
German	4	2	0	0			4	2
Hispanic/Italian	1	0	0	0			1	0
History	3	2	6	0	4		13	2
Law	5						5	
Librarianship	53						53	
Linguistics	0	1	3	0	4	1	7	2
Philosophy	3	1	0	0	0		3	1
Planning	13	0					13	0
Political Science	7	0	2		2		11	0
Psychology	12	7	4	5	10	5	26	17
Religious Studies	0	0					0	0
Resource Management			4				4	
Slavonics/Russian	1	0	0	0			1	0
Sociology	2	4	0	0	2		4	4
Sociology & Anthropology	0	0	1	0			1	0
Sub-total	159	34	68	11	40	6	267	51
SCIENCES								
Astronomy	0	0			0		0	0
Biochemistry	1	2			0	0	1	2
Biochemistry & Microbiology	0	0			0	0	0	0
Biogeography			0				0	
Biological Sciences & Biology	0	0	5	3	4	1	9	4
Botany	5	3					5	3
Chemistry	4	3	0	3	1	2	5	8
Computer Science	16	2	2		0		18	2
Genetics	2	0					2	0
Geological Sciences	6	2					6	2
Geophysical Sciences	5	1					5	1
Mathematics	3	4	7	0	0		10	4
Microbiology	6	5			0	0	6	5
Nuclear Chemistry	0	0					0	0
Oceanography	1	1					1	1
Organic Chemistry	0	0			0	0	0	0
Physics	19	6	5	4	2	3	26	13
Statistics	0	0			0		0	0
Zoology	13	9					13	9
Sub-total	81	38	19	10	7	6	107	54
SOCIAL PROFESSIONS								
Criminology			4				4	
Human Nutrition	3	0					3	0
Social Work	33						33	
Sub-total	36	0	4				40	0
OTHER								
Interdisciplinary/Special arrangement/Late entries	0	5	0	2	0	0	0	5
Sub-total	0	5	0	2	0	0	0	5
GRAND TOTAL	801	119	191	22	238	12	1230	153

TABLE 3.1

RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS: 1982/83

SUMMARY FOR UNIVERSITY SYSTEM

(with 1981/82 figures for comparison)

Reference: University submissions to the Province of British Columbia's Secretariat on Science, Research and Development

DISCIPLINE / SOURCE	National Granting Councils	Federal Government Sources	Provincial Government Department	Canadian Companies & Foundations	U.S. & Other Foreign	University Budget	Total
Natural Sciences...	$19,094,042	$1,271,498	$1,262,462	$1,312,573	$1,162,663	$ 337,747	$24,440,985
Health Sciences....	5,744,206	1,151,401	3,018,484	5,052,733	653,415	44,837	15,665,076
Applied Sciences...	5,151,850	2,780,530	1,549,055	677,105	150,559	40,487	10,349,586
Social Sciences....	3,613,884	1,062,284	412,335	646,565	286,290	649,582	6,670,940
Humanities.....	864,676	5,704	-	155,034	90,085	237,527	1,353,026
Other.....	47,843	11,500	32,140	8,802	-	3,000	103,285
TOTALS (82/83).....	34,516,501	6,282,917	6,274,476	7,852,812	2,343,012	1,313,180	58,582,898
TOTALS (81/82).....	$26,720,722	$6,521,547	$11,289,889	$8,323,203	$2,032,725	$2,007,156	$56,895,242

CHANGES IN LEVEL OF RESEARCH AWARDS
(1982/83 over 1981/82)

Amount	%		Percent of Total 81/82	Percent of Total 82/83
		BY SOURCE		
$7,795,779	29.2	National Granting Councils	47.0%	58.9%
- 238,630	- 3.7	Other Federal Government	11.5	10.7
-5,015,413	-44.4	Provincial and Local Government	19.8	10.7
- 470,391	- 5.6	Canadian Companies and Foundations	14.6	13.4
310,287	15.3	U.S. and Other Foreign	3.6	4.0
693,976	-34.6	University Budget	3.5	2.3
$1,687,656	3.0%		100%	100%
		BY DISCIPLINE		
$1,865,316	8.3	Natural Sciences	39.7%	41.7%
479,530	3.1	Health Sciences	26.7	26.7
- 182,762	- 1.8	Applied Sciences	18.5	17.7
- 290,670	- 4.2	Social Sciences	12.2	11.4
106,843	8.6	Humanities	2.2	2.3
- 290,601	-73.8	Other	0.7	0.2
$1,687,656	3.0%		100%	100%
		BY UNIVERSITY		
$2,060,594	4.6	University of British Columbia	78.9%	80.2%
-224,371	-3.2	Simon Fraser University	12.3	11.6
-148,567	-3.0	University of Victoria	8.8	8.2
$1,687,656	3.0%		100%	100%
		TOTAL (ABOVE)	$56,895,242	$58,582,898

Historical summary appears in Table 12.

TABLE 3.2
RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS: 1982/83
SUMMARY BY UNIVERSITY

DISCIPLINE \ SOURCE	National Granting Councils	Federal Government Sources	Provincial Government Department	Canadian Companies & Foundations	U.S. & Other Foreign	University Budget	Total
UNIVERSITY OF BRITISH COLUMBIA							
Natural Sciences...	13,126,603	890,191	653,650	1,202,098	1,079,371	0	16,951,913
Health Sciences....	5,412,786	1,101,835	2,986,714	5,009,713	653,415	2,340	15,166,803
Applied Sciences...	4,987,661	2,780,530	1,481,095	677,105	85,430	0	10,011,821
Social Sciences....	2,344,565	750,833	181,944	586,393	188,827	147,180	4,199,742
Humanities.....	276,252	0	0	154,134	90,085	49,700	570,171
Other.....	47,000	11,500	28,995	3,952	0	0	91,447
TOTALS (82/83).....	26,194,867	5,534,889	5,332,398	7,633,395	2,097,128	199,220	46,991,897
TOTALS (81/82).....	20,380,116	5,065,330	8,873,156	7,891,070	1,794,981	926,650	44,931,303
SIMON FRASER UNIVERSITY							
Natural Sciences...	3,381,664	187,144	333,580	45,975	32,302	181,689	4,162,354
Health Sciences....	331,420	41,916	31,770	43,020	0	37,663	485,789
Applied Sciences...	164,189	0	67,960	0	65,129	40,487	337,765
Social Sciences....	724,066	253,435	155,373	50,572	78,483	235,174	1,497,103
Humanities.....	218,083	5,000	0	0	0	68,665	291,748
Other.....	843	0	0	0	0	3,000	3,843
TOTALS (82/83).....	4,820,265	487,495	588,683	139,567	175,914	566,678	6,778,602
TOTALS (81/82).....	3,523,488	1,077,728	1,409,061	328,480	183,145	481,071	7,002,973
UNIVERSITY OF VICTORIA							
Natural Sciences...	2,585,775	194,163	275,232	64,500	50,990	156,058	3,326,718
Health Sciences....	0	7,650	0	0	0	4,834	12,484
Applied Sciences...	0	0	0	0	0	0	0
Social Sciences....	545,253	58,016	75,018	9,600	18,980	267,228	974,095
Humanities.....	370,341	704	0	900	0	119,162	491,107
Other.....	0	0	3,145	4,850	0	0	7,995
TOTALS (82/83).....	3,501,369	260,533	353,395	79,850	69,970	547,282	4,812,399
TOTALS (81/82).....	2,817,118	378,489	1,007,672	103,653	54,599	599,435	4,960,966

PERCENT OF SYSTEM TOTAL

	UBC	SFU	UVIC	TOTAL
BY SOURCE				
National Granting Councils	44.72	8.23	5.97	58.92
Other Federal Government	9.45	0.83	0.44	10.72
Provincial & Local Government	9.10	1.00	0.61	10.71
Canadian Companies & Foundations	13.03	0.24	0.14	13.41
U.S. and Other Foreign	3.58	0.30	0.12	4.00
University Budget	0.34	0.97	0.93	2.24
	80.22	11.57	8.21	100%
BY DISCIPLINE				
Natural Sciences	28.94	7.10	5.68	41.72
Health Sciences	25.89	0.83	0.02	26.74
Applied Sciences	17.09	0.58	0	17.67
Social Sciences	7.17	2.56	1.66	11.39
Humanities	0.97	0.49	0.84	2.30
Other	0.16	0.01	0.01	0.18
	80.22	11.57	8.21	100%

Student Enrolment, Facilities and Finance

TABLE 4
FULL TIME EQUIVALENT ENROLMENT
ENTIRE FISCAL YEAR 1982-83
By Institution and Program
(with 1981-82 totals for comparison)

	UBC	SFU	UVIC	OLI	TOTAL 1982-83	TOTAL 1981-82 (Note 2)
UNDERGRADUATE						
(a) General						
Arts (Note 1)	5,234	3,300	2,784	585	11,903	12,615
Education	2,534	1,191	1,075		4,800	4,883
Fine Arts	104		447		551	480
Home Economics	202				202	226
Industrial Arts	59				59	65
Interdisciplinary Studies		2,013			2,013	1,700
Librarianship	112				112	119
Music	269		148		417	427
Physical Education/Recreation	476				476	482
Science	4,034	996	1,911		6,941	6,466
Social Work	92		97		189	197
Unclassified and undeclared	661	87	1,014		1,762	1,477
SUB-TOTAL	13,777	7,587	7,476	585	29,425	29,137
(b) Professional						
Agricultural Sciences	373				373	377
Applied Science (excl. Nursing)	2,086				2,086	1,956
Commerce (Note 1)	1,740	1,424			3,164	1,744
Forestry	410				410	399
Law	737		274		1,011	989
SUB-TOTAL	5,346	1,424	274		7,044	5,465
(c) Health Sciences						
Dental Hygiene	40				40	40
Dentistry	160				160	164
Medicine	471				471	439
Nursing	515		154		669	594
Pharmaceutical Sciences	317				317	350
Rehabilitation Medicine	127				127	143
SUB-TOTAL	1,630		154		1,784	1,730
TOTAL UNDERGRADUATE	20,753	9,011	7,904	585	38,253	36,332
GRADUATE						
(d) General						
M.A. and similar	1,272	628	560		2,460	2,259
M.Sc. and similar	336	188	72		596	536
Doctoral	704	230	85		1,019	940
SUB-TOTAL	2,312	1,046	717		4,075	3,735
(e) Professional						
M.A. and similar	379				379	356
M.Sc. and similar	389				389	332
Doctoral	160				160	142
SUB-TOTAL	928				928	830
(f) Health Sciences						
M.Sc. and similar	145				145	155
Doctoral	66				66	62
Residents and interns	378				378	431
SUB-TOTAL	589				589	648
TOTAL GRADUATE	3,829	1,046	717	-	5,592	5,213
GRAND TOTAL	24,582	10,057	8,621	585	43,845	41,545

Notes:
1. Prior to the establishment of the separate Faculty of Business Administration at SFU in September 1982, the student registration in the Department of Economics and Business Administration were included with Arts.
2. Total arts figure has been restated to include 464 FTE students (4,636 course enrolees) registered in the B.A. degree program of the Open Learning Institute and the graduate total (general M.A.) has been revised to reflect final SFU figures.

Historical summary appears in Table 9.

TABLE 5.1
FALL HEADCOUNT ENROLMENT BY ENROLMENT STATUS

Note: Information for UBC and UVic reflects the enrolment status of registered students as at 1 December; for SFU the information is as at 1 October and covers students registered for the fall semester. Medical residents are included with undergraduate figures.

	UBC	SFU	UVIC	TOTAL 1982	TOTAL 1981	1982 Increase (%)
UNDERGRADUATE:						
Full time	18,074	6,003	6,162	30,239	29,028	4.2%
Part time	5,504	4,730	3,763	13,997	13,223	5.8
	23,578	10,733	9,925	44,236	42,251	4.7%
GRADUATE:						
Full time	2,614	986	564	4,164	3,744	11.2%
Part time	1,117	477	464	2,058	2,028	1.5
	3,731	1,463	1,028	6,222	5,772	7.8%
TOTAL:						
Full time	20,688	6,989	6,726	34,403	32,772	5.0%
Part time	6,621	5,207	4,227	16,055	15,251	5.3
	27,309	12,196	10,953	50,458	48,023	5.1%
1982 Increase (%)	2.5%	6.8%	10.1%	5.1%		

Historical summary appears in Table 10.

TABLE 5.2

GRADUATE HEADCOUNT ENROLMENT BY DEGREE SOUGHT AND DISCIPLINE

FALL 1982

(with 1981 totals for comparison)

	MASTER				DOCTORATE				GRADUATE TOTAL	
	UBC	SFU	UVIC	TOTAL	UBC	SFU	UVIC	TOTAL	1982	1981
Applied Sciences	394			394	135			135	529	451
Commerce & Administration	440	160	194	794	28			28	822	811
Education	800	352	421	1,573	129	6	10	145	1,718	1,505
Fine Arts	80		62	142			3	3	145	148
Health Sciences	171	30		201	69	14		83	284	288
Humanities & Social Sciences	495	401	179	1,075	281	147	39	467	1,542	1,487
Sciences	327	183	80	590	319	83	40	442	1,032	914
Social Professions	63	40		103		4		4	107	93
Interdisciplinary & Other		38		38		5		5	43	75
TOTAL HEADCOUNT (NOTE)	2,770	1,204	936	4,910	961	259	92	1,312	6,222	5,772
FULL TIME	1,757	758	483	2,998	857	228	81	1,166	4,164	3,744
PART TIME	1,013	446	453	1,912	104	31	11	146	2,058	2,028
FALL 1982	2,770	1,204	936	4,910	961	259	92	1,312	6,222	
FALL 1981	2,626	1,098	856	4,580	885	226	81	1,192		5,772

Note:
UBC students registered for degree programs in Librarianship, in Dentistry and in Medicine, are included in undergraduate headcount enrolment, along with Medical residents.

TABLE 6

UNIVERSITY DEBENTURED CAPITAL PROJECTS
ESTIMATED COST AND AUTHORIZED BORROWING THROUGH BCEICFA*
CUMULATIVE TO MARCH 1983
($000)

PROJECT	NAME	ESTIMATED COST	AUTHORIZED BORROWING Note	
UBC - 1	Aquatic Centre	1,000		1,000
- 2	Library Processing Centre	3,190		3,190
- 3	Home Economics	5,000		5,000
- 4	Nursing and Rehabilitation Medicine	3,736		4,110
- 5	Psychology	11,966		12,150
- 6	Public Works 1977/78	3,126		3,126
- 7	Building Renovations 1977/78	2,520		2,520
- 8	Health Sciences Centre	33,112	(1,795)	33,112
- 9	Labor Intensive Capital Projects 78/79	5,122		5,122
-10	Asian Centre	3,526		3,592
-11	Parkade - Acute Care Unit	3,605		3,605
-12	TRIUMF I	2,565		2,565
-12A	TRIUMF II	4,910		4,910
-13	Public Works and Renovations 1979/80	4,766		4,766
-14	Public Works and Renovations 1980/81	5,538		5,538
-15	Acute Care Equipment	3,085		3,085
-16	Chemistry/Physics	11,000		660
-19	Public Works and Renovations 1981/82	6,400		6,400
-20	Physical Plant I	6,500		390
-21	Laurel II	2,900		174
-22	Major Equipment 1981/82	3,500	(294)	3,500
-23	Clinical Medicine	4,904		294
-24	Public Works and Renovations 1982/83	2,000	(2,000)	2,000
	SUBTOTAL: UBC	133,969	(4,089)	110,809
SFU - 1	Multi-Purpose Complex	8,600	(182)	7,775
- 2	Teaching and Laboratory Complex	11,455		11,455
- 3	Public Works 1977/78	1,080		1,080
- 4	Building Renovations 1977/78	1,515		1,515
- 5	Labour Intensive Projects 1978/79	810		810
- 7	Public Works and Renovations 1979/80	2,494		2,494
- 8	Public Works and Renovations 1980/81	2,250		2,250
- 9	Central Mall Extension	1,580		1,580
-10	Ring Road	6,004		6,004
-11	Multi-Purpose Complex Extension	5,924		5,924
-12	Public Works and Renovations 1981/82	3,596		3,596
-13	West Mall I	10,000		600
-14	Major Equipment 1981/82	750		750
-15	Public Works and Renovations 1982/83	1,000	(1,000)	1,000
	SUBTOTAL: SFU	57,058	(1,182)	46,833
UVIC- 1	Clearihue 3rd Wing	885		885
- 2	MacLaurin Music Wing	3,542		3,542
- 3	Clearihue 4th Wing	3,600		3,600
- 4	Law Building	6,580		6,580
- 5	Visual Arts Building	619		619
- 6	Public Works 1977/78	500		500
- 7	Building Renovations 1977/78	430		430
- 8	Labour Intensive Projects 1978/79	665		665
- 9	Academic Theatre	4,560		4,560
-10	Public Works and Renovations 1979/80	2,075		2,075
-11	Science and Engineering Complex	15,283	(300)	720
-12	Public Works and Renovations 1980/81	1,000		1,000
-14	Public Works and Renovations 1981/82	1,885		1,885
-15	Discovery Park (see UVic-11)	-		-
-16	CBC Building	300		300
-17	Major Equipment 1981/82	750		750
-18	Public Works and Renovations 1982/83	1,000	(1,000)	1,000
	SUBTOTAL: UVIC	43,674	(1,300)	29,111
	SYSTEM TOTAL	234,701	(6,571)	186,753

Note:
Figures in parentheses, included in the authorized borrowing total, represent amounts authorized in 1982/83.

Historical summary appears in Table 17

* *B.C. Educational Institutions Capital Financing Authority*

TABLE 7

SPACE INVENTORY

1982/83

When non-assignable space (e.g. circulation aisles, washrooms, mechanical areas), residences, animal space, health science clinical facilities, etc. are excluded to enhance comparability for the purposes of the Universities Council, the space inventory of each university is as follows:

UNIVERSITY	NET ASSIGNABLE SQUARE FEET	PERCENT
UBC	3,637,000	65%
SFU	929,000	17%
UVIC	1,001,000	18%
SYSTEM	5,567,000	100%

AGE PROFILE (PERCENTAGE COMPOSITION)

AGE (YEARS)	UBC	SFU	UVIC	SYSTEM
0 - 9	17.4	28.4	44.9	24.2
10 - 19	40.4	71.6	45.4	46.5
20 - 29	17.4	0	1.7	11.7
30 - 39	15.1	0	0	9.8
40 - 49	1.7	0	8.0	2.5
50+	8.0	0	0	5.2
TOTAL	100.0	100.0	100.0	100.0

PROFILE BY SPACE CATEGORY (PERCENTAGE COMPOSITION)

SPACE CATEGORY	UBC	SFU	UVIC	SYSTEM
Classroom Facilities	10.6	8.2	9.9	10.0
Laboratory - Undergraduate	13.9	15.4	14.6	14.3
- Research	18.6	13.3	6.3	15.5
Instructional Office and Related	16.7	16.7	15.3	16.5
Library and Study Facilities	14.0	12.0	17.9	14.3
Recreation/Athletic Space	5.9	7.7	8.2	6.6
Food Service	2.1	3.8	5.5	3.0
Bookstore and Other Merchandising	.3	1.5	1.3	0.7
Plant Maintenance	2.1	1.8	2.1	2.1
Administrative Office and Related	8.3	6.6	7.8	7.9
Audio-Visual/Television Facilities	.8	1.0	.7	0.8
Central Services	.8	2.5	2.0	1.3
Health Service Facilities	.3	.7	.4	0.3
Common use and Student Activity	3.0	4.5	4.4	3.5
Assembly and Exhibition	2.2	2.8	3.4	2.5
Day Care	.5	1.5	0.3	0.6
TOTAL	100.0	100.0	100.0	100.0

TABLE 8.1

OPERATING GRANTS REQUESTED, RECOMMENDED AND APPROVED

	Requested by Institutions (August)	Recommended by Council (October)	Approved by Government	Note
1982/83 FISCAL YEAR*				
General Purpose Operating Grant				
Universities	$332,304,227	$329,600,000	$304,318,292	
			8,675,000	(1)
			312,993,292*	
Operating Grants (Other)				
Universities			8,808,000	
Open Learning Institute	4,224,761	4,224,761	1,955,000	(2)
			10,763,000	(3)
Equipment Cash Capital Grant		3,000,000	2,000,000	
1983/84 FISCAL YEAR				
General Purpose Operating Grant				
Universities	376,365,468	355,000,000		(4)
Operating Grants-Other				
Universities	20,998,206	12,700,000		
Open Learning Institute	2,524,913	2,300,000		
	23,523,119	15,000,000		
Equipment Cash Capital Grant		3,000,000		

*Before grant reduction of $12.0 million in September 1982. Refer to Table 8.2 for details concerning the reduced grant.

Notes:

1. This sum of $8,675,000 was transferred from Operating Grants (Other) in 1982/83 for the University of British Columbia Medical School Expansion Project.
2. Grant funding for the university level programs of the Open Learning Institute up to 1982/83 included support for both direct and indirect costs. Commencing with 1982/83, the funding responsibilities between the Ministries of Universities and Education were modified and as a result the grant recognizes only the direct instructional costs.
3. The balance of the Operating Grants (Other) sub-vote relates to Ministry line item grants in support of other institutions and programs, including the Knowledge Network of the West.
4. The budget submissions of the institutions for 1983/84 and the Council's funding recommendation were made in 1982/83. The amounts approved by Government for 1983/84 remained unknown at the end of 1982/83.

Historical summary appears in Table 13.

TABLE 8.2

OPERATING GRANTS: 1982/83

UNIVERSITIES

	UBC	SFU	UVIC	TOTAL
GENERAL PURPOSE OPERATING GRANT				
Initial (April 1982)	$187,917,575	$69,218,519	$55,857,198	$312,993,292
Reduction (September 1982)	7,204,662	2,653,802	2,141,536	12,000,000
Final	180,712,913	66,564,717	53,715,662	300,993,292
OPERATING GRANTS (OTHER)				
Ministry Designated for:				
Non-Metropolitan programs	1,238,000	1,238,000	1,238,000	3,714,000
Knowledge Nework utilization	140,000	110,000	110,000	360,000
David Thompson University Centre			725,000	725,000
Library Recon	50,000	105,000	245,000	400,000
Health Care Teaching	1,170,000			1,170,000
Industrial Education	439,000			439,000
Engineering Education	1,000,000	500,000	500,000	2,000,000
	4,037,000	1,953,000	2,818,000	8,808,000
EQUIPMENT CASH CAPITAL GRANT	1,250,000	405,000	345,000	2,000,000
	$185,999,913	$68,922,717	$56,878,662	$311,801,292

Historical Summaries

FULL TIME EQUIVALENT ENROLMENT
ENTIRE FISCAL YEAR
Undergraduate and Graduate by Program of Registration

TABLE 9.1

Reference: Annual enrolment reports filed with UCBC

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
UNDERGRADUATE								
. General programs*		28,294	27,657	27,019	27,096	27,812	29,137	29,425
. Professional programs		4,631	4,881	5,037	5,196	5,346	5,465	7,044°
. Health Sciences		1,440	1,490	1,565	1,585	1,616	1,730	1,784
	34,038	34,365	34,028	33,621	33,877	34,774	36,332	38,253
% of Total	89.6	89.2	89.5	88.9	88.0	87.5	87.4	87.2
GRADUATE								
. General programs		3,017	2,949	3,073	3,332	3,556	3,735	4,075
. Professional programs		598	613	652	742	789	830	928
. Health Sciences+		525	444	483	540	605	648	589
	3,932	4,140	4,006	4,208	4,614	4,950	5,213	5,592
% of Total	10.4	10.8	10.5	11.1	12.0	12.5	12.6	12.8
TOTAL								
. General programs		31,311	30,606	30,092	30,428	31,368	32,872	33,500
. Professional programs		5,229	5,494	5,689	5,938	6,135	6,295	7,972
. Health Sciences		1,965	1,934	2,048	2,125	2,221	2,378	2,373
	37,970	38,505	38,034	37,829	38,491	39,724	41,545	43,845

*Figures include students registered in the BA degree program of the Open Learning Institute commencing with 79/80.

°Figure includes 1,424 FTE students registered in the Business Administration program at SFU. Prior to the establishment of the separate faculty of Business Administration at SFU in September 1982, the students registrations were included in general programs.

+Figures include medical residents and interns.

Detail for 82/83 appears in Table 4.

TABLE 9.2

FULL TIME EQUIVALENT ENROLMENT
ENTIRE FISCAL YEAR
Undergraduate and Graduate by Institution

Reference: Annual enrolment reports filed with UCBC

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
UNDERGRADUATE								
UBC	20,585	20,700	20,569	19,952	19,836	19,937	20,207	20,753
SFU	7,190	7,538	7,468	7,624	7,521	8,011	8,377	9,011
UVIC	6,263	6,127	5,991	6,045	6,384	6,607	7,284	7,904
	34,038	34,365	34,028	33,621	34,741	34,555	35,868	37,668
OLI					136	219	464	585
GRADUATE								
UBC*	2,785	2,976	2,923	2,990	3,256	3,470	3,644	3,829
SFU	755	778	712	771	843	886	937	1,046
UVIC	392	386	371	447	507	594	632	717
	3,932	4,140	4,006	4,208	4,614	4,950	5,213	5,592
TOTAL								
UBC	23,370	23,676	23,492	22,942	23,092	23,407	23,851	24,582
SFU	7,945	8,316	8,180	8,395	8,364	8,897	9,314	10,057
UVIC	6,655	6,513	6,362	6,492	6,891	7,201	7,916	8,621
	37,970	38,505	38,034	37,829	38,355	39,505	41,081	43,260
OLI					136	219	464	585
					38,491	39,724	41,545	43,845

*Graduate figures for UBC include medical residents and interns.

Detail for 82/83 appears in Table 4.

TABLE 9.3

FULL TIME EQUIVALENT (FTE) ENROLMENT
ENTIRE FISCAL YEAR
Unweighted and Weighted

Reference: Enrolment information and reports filed with UCBC (see notes)

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
UNWEIGHTED FTE								
UBC	23,370	23,676	23,492	22,942	23,092	23,407	23,851	24,582
SFU	7,945	8,316	8,180	8,395	8,364	8,897	9,314	10,057
UVIC	6,655	6,513	6,362	6,493	6,891	7,201	7,916	8,621
SYSTEM	37,970	38,505	38,034	37,829	38,355	39,505	41,081	43,260
WEIGHTED FTE								
UBC	45,494	46,588	46,107	45,408	46,442	47,466	48,701	50,591
SFU	12,798	13,487	13,150	13,591	13,807	14,581	15,464	17,143
UVIC	10,443	10,338	10,293	10,641	11,354	11,882	13,124	14,514
SYSTEM	68,735	70,413	69,550	69,640	71,603	73,929	77,289	82,248
Ratio Weighted to Unweighted FTE (System average)	1.810	1.829	1.829	1.841	1.867	1.871	1.881	1.901

Notes:

1. Weighted FTE figures reflect a UCBC system of differential program weights appropriately applied to each student's declared program of registration. The weights adjust, in a broad way, for programs which are more costly to provide.
2. Weighted FTE figures for SFU after 81/82 include the effect of a reclassification of arts students to commerce, coincident with the establishment of their Faculty of Business Administration in September 1982.
3. UBC figures include enrolments associated with the medical undergraduate expansion project, commencing with 78/79.
4. In addition, the following unweighted FTE students were registered in university level programs provided by the Open Learning Institute: 79/80 136; 80/81 219; 81/82 464; 82/83 585.

FALL HEADCOUNT ENROLMENT

TABLE 10

Reference: British Columbia Forecasting Committee (BCFC) and annual enrolment reports filed with UCBC

	1975	1976	1977	1978	1979	1980	1981	1982
FULL TIME								
UBC	18,090	18,218	17,988	17,254	17,198	17,426	17,544	18,074
SFU	5,140	5,461	5,281	5,503	5,320	5,534	5,673	6,003
UVIC	5,222	5,091	4,940	4,908	5,090	5,204	5,811	6,162
Undergraduate	28,452	28,770	28,209	27,665	27,608	28,164	29,028	30,239
UBC	1,990	2,161	2,120	2,067	2,270	2,353	2,447	2,614
SFU	724	717	659	705	809	855	849	986
UVIC	289	279	262	337	382	425	448	564
Graduate	3,003	3,157	3,041	3,109	3,461	3,633	3,744	4,164
	31,455	31,927	31,250	30,774	31,069	31,797	32,772	34,403
PART TIME								
UBC	3,961	4,131	4,513	5,029	5,204	5,313	5,596	5,504
SFU	2,045	2,490	2,746	3,139	3,338	4,119	4,427	4,730
UVIC	1,664	1,784	1,953	2,243	2,582	2,833	3,200	3,763
Undergraduate	7,670	8,405	9,212	10,411	11,124	12,265	13,223	13,997
UBC	769	757	852	1,005	1,025	1,087	1,064	1,117
SFU	286	276	330	355	313	366	475	477
UVIC	209	306	252	258	308	416	489	464
Graduate	1,264	1,339	1,434	1,618	1,646	1,869	2,028	2,058
	8,934	9,744	10,646	12,029	12,770	14,134	15,251	16,055
TOTAL HEADCOUNT*	40,389	41,671	41,896	42,803	43,839	45,931	48,023	50,458

*Information for UBC and UVic reflects the enrolment status of students registered as at 1 December; for SFU the information is as at 1 October and covers students registered for the fall semester.

DEGREES CONFERRED

TABLE 11

Reference: University Calendar (UBC); University Fact Book (SFU)(UVic)
University Registrar's office for 1983

For academic year ending in:	1976	1977	1978	1979	1980	1981	1982	1983
UBC	4,491	4,321	4,528	4,642	4,605	4,373	4,438	4,546
SFU	902	996	1,106	1,153	1,297	1,352	1,332	1,377
UVIC	931	1,019	1,173	1,089	1,137	1,237	1,357	1,564
	6,324	6,336	6,807	6,884	7,039	6,962	7,127	7,487
BACHELOR AND FIRST PROFESSIONAL								
UBC	3,684	3,589	3,762	3,811	3,796	3,561	3,573	3,626
SFU	766	815	931	1,004	1,081	1,177	1,186	1,164
UVIC	837	894	1,054	970	1,006	1,048	1,165	1,314
	5,287	5,298	5,747	5,785	5,883	5,786	5,924	6,104
MASTER								
UBC	645	600	629	679	665	670	735	801
SFU	112	157	161	128	184	154	121	191
UVIC	82	120	109	109	121	182	174	238
	839	877	899	916	970	1,006	1,030	1,230
DOCTORATE								
UBC	162	132	137	152	144	142	130	119
SFU	24	24	14	21	32	21	25	22
UVIC	12	5	10	10	10	7	18	12
	198	161	161	183	186	170	173	153

Notes:
1. Annual figures cover the spring, and where applicable, the previous fall convocations.
2. Figures exclude diplomas and certificates.
3. Master and Doctorate degrees generally relate to students registered in the faculties of graduate studies. Master degrees include those in Librarianship. Doctor of Dental Medicine (D.M.D.) and Doctor of Medicine (M.D.) degrees are included as first professional degrees.

Details for 1983 appear in Table 2.

RESEARCH AWARDS FOR BRITISH COLUMBIA UNIVERSITIES

TABLE 12

Reference: University reports filed with UCBC and with the Secretariat on Science, Research and Development.

	77/78	78/79	79/80	80/81	81/82	82/83	77/78 PERCENT	82/83 PERCENT
BY UNIVERSITY								
University of British Columbia	$21,073	$25,871	$31,311	$39,326	$44,931	$46,992	82.3%	80.2%
Simon Fraser University	2,617	3,264	4,096	5,259	7,003	6,779	10.2	11.6
University of Victoria	1,920	2,302	3,131	4,121	4,961	4,812	7.5	8.2
SYSTEM ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	100%	100%
BY FUNDING SOURCE								
National Granting Councils	$14,309	$16,724	$18,927	$23,615	$26,721	$34,517	55.9%	58.9%
Other Federal Agencies	3,102	3,935	4,588	4,575	6,521	6,283	12.1	10.7
Provincial & Local Governments	1,284	2,531	6,256	9,943	11,290	6,274	5.0	10.7
Canadian Companies & Foundations	4,883	5,254	5,234	6,605	8,323	7,853	19.1	13.4
U.S. and Other Foreign	1,252	1,828	2,043	2,227	2,033	2,343	4.9	4.0
University Budget	780	1,165	1,490	1,741	2,007	1,313	3.0	2.3
Total ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	100%	100%
BY DISCIPLINE								
Natural Sciences	$10,414	$13,277	$16,212	$20,011	$22,576	$24,441	40.7%	41.7%
Health Sciences	6,873	8,153	10,177	12,429	15,185	15,665	26.8	26.7
Applied Sciences	4,080	4,772	5,749	9,074	10,532	10,350	15.9	17.7
Social Sciences	3,770	4,738	5,642	5,851	6,962	6,671	14.7	11.4
Humanities	473	450	586	951	1,246	1,353	1.9	2.3
Other			172	390	394	103		0.2
Total ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	100%	100%

Notes:

1. The above total may not agree with those previously reported due to the late inclusion of corrected figures.
2. The other discipline category was introduced in 79/80 to accommodate the reporting of general research grants. Natural Science figures for 79/80 have been restated to include grants for TRIUMF, initially included as Other.

Detail for 1982/83 appears in Table 3.

GENERAL PURPOSE OPERATING GRANT REQUESTS AND ALLOCATIONS

TABLE 13

FISCAL YEAR	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
GRANT REQUEST (BY UNIVERSITIES)								
UBC	$ 99,442,581	$127,708,689	$129,804,130	$135,025,330	$134,226,633	$152,147,771	$169,214,750	$199,952,004
SFU	35,003,419	44,427,000	46,764,000	41,546,000	51,256,000	59,932,613	64,202,676	72,354,683
UVIC	27,242,911	35,947,018	36,934,255	37,953,155	40,259,267	42,334,153	49,793,002	59,902,540
TOTAL	161,688,911	208,082,707	213,502,385	222,524,485	225,741,900	254,414,537	283,210,428	332,209,227
GRANT APPROVED/ ALLOCATED								
UBC	91,988,957	103,920,766	111,315,322	122,286,000	131,831,768	143,323,783	161,781,475	179,242,575
SFU	33,044,195	37,738,520	41,234,407	44,131,000	48,522,954	54,317,986	61,324,884	69,218,519
UVIC	25,166,848	28,740,714	31,950,271	34,161,000	36,871,075	41,970,156	48,606,401	55,857,198
TOTAL	$150,200,000	$170,400,000	$184,500,000	$200,578,000	$217,225,797	$239,611,925	$271,712,760	$304,318,292*
% ALLOCATED OF REQUEST	92.8%	81.9%	86.4%	90.8%	96.2%	94.2%	95.9%	91.6%
UBC	92.5	81.4	85.8	91.4	98.2	94.2	95.6	89.6
SFU	94.4	84.9	88.2	89.7	94.7	90.6	95.5	95.7
UVIC	92.3	79.9	86.5	90.0	91.6	99.7	97.6	93.2
% OF TOTAL ALLOCATED								
UBC	61.2	61.0	60.3	61.0	60.7	59.8	59.5	58.9
SFU	22.0	22.1	22.4	22.0	22.3	22.7	22.6	22.7
UVIC	16.8	16.9	17.3	17.0	17.0	17.5	17.9	18.4

*Grant figures for 82/83 are before the grant reduction. The grant for the medical expansion project at UBC is excluded for consistency.

TABLE 14

UNIVERSITY OPERATING GRANTS AND GRANT PER WEIGHTED FTE STUDENT
(Constant 1975 Dollars)

FISCAL YEAR	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
GENERAL PURPOSE OPERATING GRANT ('000)	$150,200	$170,400	$184,500	$200,578	$217,226	$239,612	$271,712	$304,318*
Late reduction								(11,667)
								292,651
OPERATING GRANTS (OTHER)								
Non-metropolitan programs		200	1,299	1,763	2,535	1,000	3,807	3,714
David Thompson University Centre					354	400	649	725
EQUIPMENT CASH CAPITAL			1,600	2,000	3,700	3,000	3,000	2,000
TOTAL GRANTS (Current $'000)	150,200	170,600	187,399	204,341	223,815	244,012	279,168	299,090
Consumer Price Index (Vancouver) - July	[141.5]	[154.5]	[165.2]	[178.8]	[192.3]	[210.3]	[240.2]	[265.7]
July 1975 = 100	100.0	109.2	116.7	126.4	135.9	148.6	169.8	187.8
TOTAL GRANTS (1975 $)	150,200	156,227	160,582	161,662	164,691	164,207	164,410	159,260
WEIGHTED FTE STUDENTS°	68,735	70,413	69,550	69,600	71,413	73,544	76,735	81,538
Grants per Weighted FTE STUDENT (Constant 1975 $)	$2,185	$2,219	$2,309	$2,323	$2,306	$2,233	$2,143	$1,953
Annual change %	N/A	+1.6%	+4.1%	+0.6%	-0.7%	-3.2%	-4.0%	-8.9%

*Excluding medical expansion grant of $8,675 (initial); $8,342 (reduced).
°Excluding medical expansion enrolment, separately funded.

UNIVERSITY GENERAL PURPOSE OPERATING FUNDS BY SOURCE

TABLE 15

Reference: University Audited Financial Statements (see notes)
Figures for 82/83 are preliminary

FISCAL YEAR	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83
UBC	$105,735	$119,049	$128,627	$140,805	$151,920	$165,212	$189,151	$204,520
SFU	36,902	41,926	46,000	49,720	54,749	61,695	70,764	77,988
UVIC	28,606	32,203	36,024	38,553	42,315	47,986	57,022	63,493
TOTAL ($'000)	171,243	193,178	210,651	229,078	248,984	274,893	316,937	346,001
SOURCE OF FUNDS (Amount)								
Operating Grant	150,200	170,400	184,500	200,578	217,226	239,321	271,763	292,551
Student Fees	18,860	19,564	23,469	24,633	25,571	28,439	33,185	43,380
Investment Income	1,779	2,674	2,163	3,219	5,588	6,318	11,146	9,051
Miscellaneous	404	540	519	648	599	815	843	1,019
TOTAL ($'000)	$171,243	$193,178	$210,651	$229,078	$248,984	$274,893	$316,937	$346,001
(Percentage)								
Operating Grant	87.7%	88.2%	87.6%	87.6%	87.3%	87.1%	85.7%	84.6%
Student Fees	11.0	10.1	11.1	10.7	10.3	10.3	10.5	12.5
Investment Income	1.1	1.4	1.0	1.4	2.2	2.3	3.5	2.6
Miscellaneous	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Notes:

1. Since 1979/80, services revenues have been reported as an expense reduction or recovery rather than as a source of revenue. For reporting consistency, figures prior to 1979/80 have been restated to remove services revenues.
2. Audit statement figures for UBC subsequent to 1980/81 have been restated to include continuing education and related university extension activities. UVic miscellaneous and student fee figures prior to 1979/80 have been restated for consistency.
3. Student fees include amounts for credit courses, continuing education programs, seminars and university extension activities to the extent they are included in general purpose operating funds.
4. Amounts reported are before interfund transfers.

UNIVERSITY EXPENDITURES: GENERAL OPERATING AND OTHER FUNDS

British Columbia Universities

TABLE 16

Source: Statistics Canada
University Finance Trend Analysis

	AMOUNT ($'000)					PERCENT				
	77/78	78/79	79/80	80/81	81/82	77/78	78/79	79/80	80/81	81/82
GENERAL OPERATING										
Instruction and non-sponsored research	$137,252	$148,941	$163,889	$184,131	$207,314	66.5	66.6	66.9	66.4	67.4
Library	17,287	17,886	19,404	22,332	24,416	8.4	8.0	7.9	8.0	7.9
Computing	6,984	7,397	9,732	11,719	10,817	3.4	3.3	4.0	4.2	3.5
Administration and general	12,512	13,858	15,477	17,375	19,493	6.1	6.2	6.3	6.3	6.3
Physical plant	25,157	27,901	28,257	32,740	35,372	12.2	12.5	11.5	11.8	11.5
Student services	7,295	7,499	8,044	9,162	10,222	3.5	3.4	3.3	3.3	3.3
	$206,487	$223,482	$244,803	$277,459	$307,634	100	100	100	100	100
ALL FUNDS										
. General operating	$206,487	$223,482	$244,803	$277,459	$307,634	72.4	71.7	70.1	65.6	63.9
. Trust and endowment	11,963	13,999	14,951	20,502	26,478	4.2	4.5	4.3	4.8	5.5
. Sponsored research	25,188	28,120	34,900	41,934	51,426	8.8	9.0	10.0	9.9	10.7
. Ancillary enterprises	19,372	21,409	24,314	28,623	32,975	6.8	6.9	7.0	6.8	6.8
. Capital	22,097	24,782	29,918	54,383	62,737	7.8	7.9	8.6	12.9	13.0
	$285,107	$311,792	$348,946	$422,901	$481,250	100	100	100	100	100

Note: The trend analysis draws on financial information provided through the annual survey of member institutions of the Canadian Association of University Business Officers (CAUBO). It sets out by province historical trend information by the various fund groupings as defined by CAUBO. The general operating fund above essentially parallels the general purpose operating fund categorization in the B.C. universities' audited financial statements and these expenditures are amplified by function. The other fund expenditures appear in summary to provide an indication of the overall level of university activities and expenditures. The latest available figures are 1981/82.

AUTHORIZED UNIVERSITY CAPITAL BORROWINGS

TABLE 17

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia Educational Institutions Capital Financing Authority (BCEICFA) over a twenty year term.

Under the Capital Financing Authority system, borrowing for a project is usually authorized in two stages: a planning stage and a construction stage. Hence the authorized borrowing for a project may, for a time, be well below the estimated final cost.

CUMULATIVE TOTALS: MARCH	1980	1981	1982	1983	1983 PERCENT
SYSTEM ($'000)					
Estimated Costs	$128,420	$166,027	$215,693	$234,701	
Authorized Borrowings	$115,115	$134,625	$179,282	$186,753	100%
BY UNIVERSITY:					
UBC					
Estimated Cost	78,710	99,301	126,325	133,969	
Authorized Borrowings	66,230	80,282	106,719	110,809	59%
SFU					
Estimated Cost	26,254	35,270	54,977	57,058	
Authorized Borrowings	25,429	29,467	44,752	46,833	25%
UVIC					
Estimated Cost	23,456	31,456	34,391	43,674	
Authorized Borrowings	23,456	24,876	27,811	29,111	16%

Notes:
1. Refer to Table 6 for detail by project for each university.
2. Prior to 1983, some late borrowing authorizations are not reported until the subsequent year.

INTERPROVINCIAL COMPARISONS

(Selected Indicators)

TABLE 18

Source: Interprovincial Comparisons of University Financing*

		74/75	75/76	76/77	77/78	78/79	79/80	80/81
OPERATING GRANT AND STUDENT AID EXPRESSED AS A PERCENTAGE OF GROSS GENERAL (GOVERNMENT) EXPENDITURES (Note)								
British Columbia	(%)	4.87	4.64	5.08	5.01	5.01	4.71	4.59
Nine Other Provinces	(%)	5.01	5.06	4.99	5.01	4.86	4.64	4.74
British Columbia's ranking (Provinces higher than B.C.)	(#)	5	6	3	2	2	3	3
British Columbia relative to Nine Other Provinces (Other Provinces=100)		97	92	102	100	103	102	97
OPERATING GRANT EXPRESSED PER $1,000 OF PROVINCIAL PERSONAL INCOME:								
British Columbia	($)	9.78	10.68	10.67	10.66	10.59	10.08	9.75
Nine Other Provinces	($)	11.44	12.02	11.95	12.15	12.02	11.65	11.64
British Columbia's ranking (Provinces higher than B.C.)	(#)	8	8	8	8	8	8	8
British Columbia relative to Nine Other Provinces (Other Provinces=100)		85	89	89	88	88	86	84

*Fourth Report of Tripartite Committee, September 1982. Since expenditures of special funds are often treated differently in the various provincial public accounts, the Gross General Expenditure as developed by Statistics Canada has been used to make provincial government expenditure data comparable among provinces.